

AMENDMENTS TO THE CLAIMS

Please replace the claims, including all prior versions, with the listing of claims found below.

Listing of Claims:

Claims 1-10 (cancelled)

Claim 11 (Currently amended). A method for the remote feed of a number of simultaneous users from one energy source, comprising:
connecting a single one of the users to the energy source;
supplying an initial feed current limited to a maximum value to the user in a connection phase;

measuring the feed current that is supplied to the user;
and, after a waiting time given an error free user-line time, limiting the feed current to a standard value; and

successively repeating the method for additional users, wherein ~~the additional users are connected to the energy source in chronological sequence and monitored with regard to power consumption, and~~

errors are checked for during both the connection phase and an operating phase,
activation of all users already connected to the energy source occurs in chronological sequence taking into consideration different current requirements of each user during and after activation while it is monitored whether the available current has been exceeded.

Claim 12 (currently amended). A method for the remote feed of a number of simultaneous users from one energy source, comprising:

connecting one of a plurality of groups of users simultaneously by supplying an initial feed current limited to a maximum value to the users of the group in a connection phase;

limiting the feed current for each user of the group to the maximum value and checking to ensure that a maximum, overall feed current available is not exceeded;

successively repeating the method for the remaining of the plurality of groups of users one group at a time, ~~wherein the remaining of the plurality of group of users are connected to the energy source in chronological sequence and monitored with regard to power consumption; and~~ continually checking, during an operating phase, to ensure that the overall feed current available is not exceeded, wherein

activation of all users already connected to the energy source occurs in chronological sequence taking into consideration different current requirements of each user during and after activation.

Claim 13 (previously presented). The method according to claim 11, further comprising disconnecting a user that continues to use the maximum value of the feed current after the expiration of the waiting time.

Claim 14 (previously presented). The method according to claim 11, further comprising allocating the maximum value of feed current after the expiration of the waiting time, wherein a current reserve is available.

Claim 15 (previously presented). The method according to claim 11, further comprising detecting if a user is defective, repeatedly during the operating phase, based on the measured feed current being supplied to the user, wherein if one or more defective users is detected, the current supplied to non-defective users is maintained.

Claim 16 (previously presented). The method according to claim 11, further comprising periodically checking a faulty network termination unit of a user with the maximum value of the feed current.

Claim 17 (previously presented) The method according to claim 11,
wherein $I_{\text{rmax}} = I_{\text{max}} + (n-1) I_{\text{standa}}$; and wherein
 I_{rmax} = a maximum feed current made available overall,

I_{\max} = a feed current made maximally available to an individual user,

I_{standa} = a feed current made available to a user after a connection phase, and

n = a number of the users.

Claim 18 (Previously presented). The method according to claim 12, wherein

$I_{\text{rmax}} = m \times I_{\max} + (n-m)I_{\text{standa}}$, wherein m is a number of members of a group of users, n is a number of total users-in, m is less than n , I_{\max} is a feed current made maximally available to a group of users and I_{standa} is a feed current made available to a group of users after a connection phase.

Claims 19-20 (cancelled)